

ABSTRACT OF THE DISCLOSURE

A drive train for a hybrid vehicle is described herein. The drive train includes an electric motor having a rotor linked to a ground contacting wheel of the vehicle, a combustion engine that may be selectively connected to the ground contacting wheel and an electric generator that may be directly or indirectly connected to the combustion engine. The drive train may be used in a series mode while the generator is operated at a nominal rotation speed via a speed increasing gear mechanism while the internal combustion engine operates at low speed and in a parallel mode while the generator is operated at a rotation speed of the combustion engine.